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EXAMINER

LE, DAVID Q

ART UNIT	PAPER NUMBER
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3621

DATE MAILED: 06/09/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/634,546

Applicant(s)

MEGIDDO, NIMROD

Examiner

David Q Le

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 08 August 2000.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-28 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

### Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All   b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)                      4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)                      5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2.                      6) ☐ Other: \_\_\_\_\_

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## DETAILED ACTION

### *Examiner's Note*

1. The Examiner has pointed out particular references contained in the prior art of record in the body of this action for the convenience of the Applicant. Although the specified citations are representative of the teachings in the art and are applied to the specific limitations within the individual claims, other passages and figures apply as well. It is requested from the Applicant, in preparing the response, to consider fully the entire references as well as the context of all passages in the cited references as potentially teaching all or part of the claimed inventions.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-2, 7, 9-12, 17, 20-22, 25-28 are rejected under 35 U.S.C. 102(e) as being anticipated by Gershman et al., US Patent 6,199,099.

As per claims 1 and 27

Gershman discloses

*A system [article of manufacture...] for enhancing price discovery in electronic commerce*

(Abstract; Summary of the Invention; Fig 1-1A, 9, associated text), *wherein said system comprises:*

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*one or more automated surveyors for surveying any of posted prices, bid prices, posted quotes, quoted prices, and auctions (Fig 9, associated text; C28, L64 – C29, L53; C29, L56 – C30, L27; C56, L1 – C57, L11: "Shopper's Eye");*

*an anonymous buyer profile, said anonymous buyer profile representing a sophisticated buyer and included within at least one of said one or more automated surveyors (Fig 12-14, associated text: C32, L7 – C33, L50: "User Persona"), and*

*wherein use of said anonymous buyer profile increases the probability of discovering the best prices in an electronic commerce environment which includes electronic price discrimination (Fig 10A-11, associated text: C30, L29 – C32, L6: "Egocentric Interface").*

**As per claim 12.**

Gershman discloses

*A method for enhancing buyers performance in electronic commerce (Abstract, Summary of the Invention), wherein said method comprises:*

*electronically presenting information to sellers located across a network about sophisticated buyers (Fig 17, associated text; C34, L58 – C35, L7; C35, L8-11) who are not willing to pay more than a minimum price;*

*using said sophisticated buyers to electronically gather information about prices on a network (Fig 9, associated text; C28, L64 – C29, L53; C29, L56 – C30, L27; C56, L1 – C57, L11: "Shopper's Eye"), and*

*indicating to sellers when they are competitive, and influencing them to lower prices (C57, L4-7: Negotiation of Offers").*

**As per claim 17.**

Gershman discloses

*A method for enhancing buyers performance in electronic commerce (see above citations), wherein said method comprises:*

*surveying posted prices, ..quotes, ..quoted prices; obtaining specific quotes (see above citations);*

*protecting a buyers anonymity (see above citations);*

*promoting competition among sellers (see above citations), and*

*maintaining a database for collecting feedback from customers (Fig 16, associated text: C34, L8-42: "Product Report Service").*

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As per claim 2.

Gershman further discloses

*...buyer profile is used multiple times to develop a historical usage therefor (C33, L53-61; see above citations).*

As per claims 7, 21, 22, 28.

Gershman further discloses

*choosing one of a plurality of available fictitious names; requesting price quotes on behalf of said chosen fictitious names; storing all received quotes, and maintaining statistics about said stored received quotes for reference to future buyers using said system (Fig 15-16, associated text; C33, L51 – C34, L42).*

As per claims 9, 25.

Gershman further discloses

*... potential buyers receive messages of prices discovered by any of e-mail, regular mail, or faxes (Fig 1A, 17, associated text).*

As per claims 10, 26.

Gershman further discloses (C56, L46 – C57, L3: "Specification of Goals, Refinement of Preferences, Identification and Comparison of Candidate Products").

*...probing a commercial site with varying parameters associated with the price of at least one product;*

*uncovering the underlying fee structure and how it varies with respect to different parameters, and*

*suggesting to a potential buyer what parameters can be changed to save money.*

As per claims 11, 16, 20.

Gershman further discloses

*... said network includes any of the: Internet, WWW, wireless web, LAN or WAN (Summary of the Invention).*

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**Claim Rejections - 35 USC § 103**

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. **Claims 5, 8, 13, 18, 24** are rejected under 35 U.S.C. 103(a) as being unpatentable over **Gershman**.

As per **claims 5, 18**.

Gershman does not specifically disclose

*...collecting information about wholesale prices; generating reference points, and assessing from said reference points whether a posted price is reasonable.*

However Gershman teaches that software agents may be programmed to scan, track, store, and process a multitude of successive price quotes from the Internet, from which personalized reports and alerts may be generated for the system's users (see above citations). In order for such agents to provide "intelligent" or "reasonable" purchasing advice to their users, a system built according to Gershman's teachings, therefore, would inherently need algorithms comparing wholesale versus retail, discounted, and special prices, in order to derive the best, or most reasonable prices to present to its users. Viewed in this light, the claimed limitation in these claims is not patentable over Gershman.

As per **claims 8, 13, 24**.

Gershman does not specifically disclose

*...promoting competition among sellers by: generating messages to inform sellers of lower prices quoted by their competitors; advising said sellers to consider lowering prices, and maintaining a website, for public viewing, regarding ratings of sellers.*

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However Gershman does teach that collected information will be available to merchants participating in his system, and that efforts will be made to induce those participating merchants to be competitive (Fig 16-18, associated text). He also teaches that price negotiations may be conducted on behalf of users by their agents (C57, L4-7), and that user ratings of products/merchants would be kept and reported to future users (Fig 16, associated text; C34, L21-42). Therefore it would have been obvious to one ordinarily skilled in the art at the time the invention was made that all the limitations cited in these claims (e-mailing merchants price fluctuations, negotiating quotes, posting vendor ratings on a web page) would need to be implemented, in order to provide the strongest motive for sellers and buyers alike to participate in the system.

6. Claims 3-4, 14-15, 23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gershman in view of Webvan ([http://web.archive.org/web/\\*/http://www.webvan.com](http://web.archive.org/web/*/http://www.webvan.com)),

As per claims 3, 14.

Gershman discloses all the limitations of claims 2 and 12.

Webvan (<http://www.wired.com/news/business/0,1367,45098,00.html>) carried the personalized shopping experience further (went public in late 1999), providing groceries to registered users and delivering the purchases to the users' doors.

While neither reference specifically recite

*...developed anonymous buyer profile is used to make actual purchases for a buyer.*

It would have been obvious to one ordinarily skilled in the art at the time the invention was made to have combined Gershman's invention (where users' profiles are kept) with Webvan's service (where actual purchase and delivery of products is performed) in order to provide additional services to potential customers, thereby increasing the appeal of the system. With the combined features, the system can deliver personalized, custom products to each user, and as such, would meet all the limitations of claims 3 and 14.

As per claim 4, 15, 23.

Gershman in view of disclose all the limitations of claims 3, 14, 17.

Webvan further provided a delivery service to buyers using their system (see above Webvan citation).

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While neither reference specifically recite

*...when said system makes actual purchases for a buyer it further includes: receiving purchased at least one item at a site owned by system operator or a third party, and shipping at least item to said buyer.*

It would have been obvious to one ordinarily skilled in the art at the time the invention was made to have combined Gershman's invention (where users' profiles are kept) with Webvan's service (where orders are delivered to users) in order to provide additional services to potential customers, thereby increasing the appeal of the system. With the combined features, the system can deliver personalized, custom products to each user, and as such, would meet all the limitations of claims 4, 15 and 23.

7. Claims 6 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gershman in view of MySimon (<http://web.archive.org/web/19981203074304/http://www.mysimon.com/>)

Gershman discloses all the limitations of claims 1 and 17.

MySimon (<http://web.archive.org/web/19981203074304/http://www.mysimon.com/> - Corporate Info page) further discloses

*scanning continuously commercial sites on a network; extracting posted quotes from said sites; maintaining a database of posted quotes, and pointing a buyer to vendors that post a best price based on said posted quotes for an item the buyer is interested in.*

It would have been obvious to one ordinarily skilled in the art at the time the invention was made to have incorporated the services offered by MySimon into Gershman's invention, in order to provide added value to potential users: now instead of just being to shop in a mall or close-by geographical area, users can have the system's agent browse the world wide web and report back on the best prices. Such a system would be very attractive to users, and would meet all the limitations of claims 6 and 19.



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***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David Q Le whose telephone number is 703-305-4567. The examiner can normally be reached on 8:30am-5:30pm Mo-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James P Trammell can be reached on 703-305-9768. The fax phone numbers for the organization where this application or proceeding is assigned are 703-746-8494 for regular communications and 703-746-8494 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1113.

DQL

June 2, 2003

  
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